	INTERNATIONAL SEARCH REPOR		intu iai Api	plication No
	•		PCT/EP 02	2/04170
A. CLASSI IPC 7	FICATION OF SUBJECT MATTER C11D17/00 C11D1/14			
$\overline{}$	o International Patent Classification (IPC) or to both national classific	cetion and IPC		
	SEARCHED cumentation searched (classification system followed by classification system followed by classific	tion eumhole)		
IPC 7	C11D			
	ion searched other than minimum documentation to the extent that			=
l	ata base consulted during the International search (name of data b	ase and, where practical	l, search terms used	1)
EPO-IN	ternal, WPI Data, PAJ			
	ENTS CONSIDERED TO BE RELEVANT			
Category *	Citation of document, with indication, where appropriate, of the re	elevant passages		Relevant to claim No.
X	WO 99 27064 A (PROCTER & GAMBLE) 3 June 1999 (1999-06-03) page 1, line 14 -page 2, line 22 1,9-11	; claims		1-11
X	WO 99 24550 A (PROCTER & GAMBLE 20 May 1999 (1999-05-20) page 6, paragraph 1 page 9, line 4 - line 16; claims		•	1-11
х	WO 99 24547 A (PROCTER & GAMBLE 20 May 1999 (1999-05-20) page 1, line 25 - line 26 page 6, line 24 -page 10, line 2 page 12, line 5 -page 15, line 2 page 23, line 11 - line 21 page 32, line 15 -page 33, line	7		1–11
X Furt	ner documents are listed in the continuation of box C.	Patent family	members are listed	h
	tegories of cited documents:	X Patent family		
'A' docume consid  'E' earlier of filing d 'L' docume which in citation 'O' docume other r. 'P' docume later th	ant defining the general state of the art which is not ered to be of particular relevance locument but published on or after the international attemption of the property of the publication date of another or or other special reason (as specified) and the or or other special reason (as specified) and the or or other special reason (as specified) and the publication or neans or or other special reason the publication of the published prior to the International filling date but an the priority date claimed	cited to understan Invention  "X" document of partice cannot be conside involve an inventiv  "Y" document of partice cannot be conside document is comb ments, such comb in the art.  "&" document member	d not in conflict with d the principle or the ular relevance; the c red novel or cannot re step when the do ular relevance; the red to involve an in- ined with one or mo- ination being obvior of the same patent	the application but early underlying the early underlying the considered to current is taken alone talmed invention earlier staken alone talmed invention eventive step when the ore other such docuus to a person skilled family
Ì	actual completion of the international search  August 2002	Date of mailing of 12/08/2	the international sea	arch report
<b>—</b> —	nailing address of the ISA	Authorized officer		·
	European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Giese,	H-H	`

Form PCT/ISA/210 (second sheet) (July 1992)

Inta al Application No
PCT/EP 02/04170

	PCT/EP 02/04170			
	ation) DOCUMENTS CONSIDERED TO BE RELEVANT			
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.		
X .	WO 99 24549 A (PROCTER & GAMBLE (US)) 20 May 1999 (1999-05-20) page 1, line 16 - line 28 page 2, line 10 - line 12 page 7, line 10 -page 11, line 15 claims 1,9,10	1-5		
Ρ,Χ	WO 02 06438 A (PROCTER & GAMBLE (U) 24 January 2002 (2002-01-24) claims 1,6,13	1		
A	WO 94 05758 A (PROCTER & GAMBLE) 17 March 1994 (1994-03-17) page 2, paragraph 6 -page 3, paragraph 1 page 4, paragraph 5 -page 5, paragraph 1; claim 1	1		
A	WO 95 20027 A (PROCTER & GAMBLE) 27 July 1995 (1995-07-27) claim 1	1		
	All and the Market			
!				
		j		

information on patent family members

Internal Application No PCT/EP 02/04170

		<u> </u>			PCT/EP	02/04170
Patent do cited in sea		Publication date		Patent family member(s)		Publication date
WO 9927	064 A	03-06-1999	BR	9815064	4 A	20-11-2001
			CA	2311503	3 A1	03-06-1999
			EP	1034247	7 A1	13-09-2000
			JP	2001524590	T	04-12-2001
			WO	9927064		03-06-1999
			ÜS	639184		21-05-2002
WO 9924	550 A	20-05-1999	BR	981320	 L A	29-08-2000
			BR	981402	l A	26-09-2000
			BR	9814022		26-09-2000
			CA	230925		20-05-1999
			CA	2309252		20-05-1999
			CA	2309614		20-05-1999
			EP	1032642		06-09-2000
			EP	1032643		06-09-2000
			EP	1032644		06-09-2000
			JP	2001522933		20-11-2001
			JP	2001522934		20-11-2001
			JP	2001524552		04-12-2001
			WO	9924547		20-05-1999
			WO	9924548		20-05-1999
			WO	9924549	9 A1	20-05-1999
			WO	9924550	) A1	20-05-1999
			US	6274538	3 B1	14-08-2001
			US	6413928	B B1	02-07-2002
WO 9924	547 A	20-05-1999	GB	2331994		09-06-1999
			EP	1113071		04-07-2001
			WO	9924547		20-05-1999
			US	6274538		14-08-2001
			AT	205874		15-10-2001
			DE	69801735		25-10-2001
			DE	69801735		04-07-2002
			DK	922756		27-12-2001
			EP	0922756		16-06-1999
			ES	2160379		01-11-2001
			PT	922756		28-02-2002
			BR	9813201		29-08-2000
			BR	9814021		26-09-2000
			BR	9814022		26-09-2000
			CA	2309251		20-05-1999
			CA	2309252		20-05-1999
			CA	2309614		20-05-1999
			EP	1032642		06-09-2000
			EP	1032643		06-09-2000
			EP	1032644	–	06-09-2000
			JP	2001522933		20-11-2001
			JP	2001522934		20-11-2001
			JP	2001524552		04-12-2001
			WO	9924548		20-05-1999
			WO	9924549		20-05-1999
			WO	9924550		20-05-1999
			US	6413928	3 B1	02-07-2002
 WO 9924	549 A	20-05-1999	BR	9813201		29-08-2000
 WO 9924	 549 A	20-05-1999	BR	9814021	A	26-09-2000
 WO 9924	549 A	20-05-1999			A 2 A	

Form PCT/ISA/210 (patent family ennex) (July 1992)

information on patent family members

Int 181 Application No PCT/EP 02/04170

Patent documented in search re		Publication date		Patent family member(s)	Publication date
WO 9924549	) A		CA	2309252 A1	20-05-1999
NO 332101.	, ,		CA	2309614 A1	20-05-1999
			EP	1032642 A1	
			EP		06-09-2000
				1032643 A1	06-09-2000
			EP	1032644 A1	06-09-2000
			JP	2001522933 T	20-11-2001
			JP	2001522934 T	20-11-2001
			JP	2001524552 T	04-12-2001
			WO	9924547 A1	20-05-1999
			WO	9924548 A1	20-05-1999
			WO	9924549 A1	20-05-1999
			WO	9924550 A1	20-05-1999
			US	6274538 B1	14-08-2001
			US	6413928 B1	02-07-2002
WO 0206438	3 A	24-01-2002	WO	0208370 A2	31-01-2002
	- •		WO	0208371 A2	31-01-2002
			AU	8060601 A	30-01-2002
			WO	0206438 A1	24-01-2002
			WO		
				0242408 A2	30-05-2002
			WO	0242400 A2	30-05-2002
			AU	1807601 A	27-08-2001
			AU	2287301 A	05-02-2002
			AU	2287401 A	05-02-2002
			ΑU	2287501 A	05-02-2002
			AU	2287601 A	05-02-2002
			ΑU	2449401 A	05-02-2002
			AU	3824001 A	27-08-2001
			ΑU	8060501 A	30-01-2002
			ΑU	8060701 A	30-01-2002
			WO	0160966 A1	23-08-2001
			WO	0208374 A1	31-01-2002
			WO	0208373 A1	31-01-2002
			WO	0208375 A1	31-01-2002
			WO	0208376 A1	31-01-2002
			WO	0208509 A1	31-01-2002
			WO	0161099 A1	23-08-2001
			MO	0206436 A1	24-01-2002
			MO	0206437 A1	24-01-2002
			US	2002084285 A1	04-07-2002
			US	2002035051 A1	21-03-2002
			US	2002037817 A1	28-03-2002
			US	2002039982 A1	04-04-2002
			US	2002037822 A1	28-03-2002
WO 9405758	3 A	17-03-1994	CA	2143330 A1	17-03-1994
			CN	1086842 A	18-05-1994
			CZ	9500538 A3	15-11-1995
			ΕP	0658188 A1	21-06-1995
			JP	8500630 T	23-01-1996
			MX	9305316 A1	
					31-01-1995
			TR	27708 A	22~06-1995
			WO	9405758 A1	17-03-1994
			US	5580849 A	03-12-1996
WO 9520027	7 A	27-07-1995	AT	178934 T	15-04-1999
			DE	69509068 D1	20-05-1999
			DE	69509068 T2	18-11-1999

intermation on patent family members

Into all Application No PCT/EP 02/04170

Patent document cited in search report	Publication date		Patent family member(s)	Publication date
WO 9520027 A		EP	0741772 A1	13-11-1996
		ES	2132631 T3	16-08-1999
		JP	9508166 T	19-08-1997
		WO	9520027 A1	27-07-1995
		US	5698505 A	16-12-1997
				•

Form PCT/ISA/210 (patent family annex) (July 1992)